

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**PRIORITY** APPLICATION SERIAL NO ..... 09/966,158  
CONFIRMATION NO. .... None  
**PRIORITY** FILING DATE ..... September 28, 2001  
INVENTORSHIP ..... Yuichi Iikubo, et al.  
ASSIGNEE ..... PCBU Services, Inc.  
**PRIORITY** GROUP ART UNIT ..... 1621  
**PRIORITY** EXAMINER ..... Unknown  
ATTORNEY'S DOCKET NO ..... PC3-061  
CUSTOMER NO. .... 021567  
TITLE: Processes for Halogenating Compounds

**INFORMATION DISCLOSURE STATEMENT**

**PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98**


In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

The listed references were cited by, or submitted to, the Office in the parent, co-pending application of the above-identified application. The above-identified application is a divisional application of co-pending application Serial No. 09/966,158, filed September 28, 2001. Such prior disclosure is sufficient for the above-identified application as far as copies of the references are concerned. 37 C.F.R. § 1.98(d) and MPEP § 609(2).

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: 10/3/03

By:   
Robert C. Hyta  
Reg. No. 46,791

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PC3-061		PRIORITY SERIAL NO. 09/966,158	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Yuichi Iikubo, et al.			
				PRIORITY FILING DATE 9/28/2001		PRIORITY GROUP 1621	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	2,494,064	01/50	Simons, et al.			
	AB	2,005,706	06/35	H.W. Daudt, et al.			
	AC	2,005,707	06/35	H.W. Daudt, et al.			
	AD	2,576,823	11/51	A.F. Benning, et al.			
	AE	2,697,124	12/54	R.M. Mantell, et al.			
	AF	2,900,423	08/59	L.B. Smith, et al.			
	AG	2,942,036	06/60	L.B. Smith, et al.			
	AH	3,258,500	06/66	F.W. Swamer, et al.			
	AI	3,436,430	04/69	L.E. Halle t al.			
	AJ	3,636,173	01/72	L.E. Gardner			
	AK	3,803,241	04/74	I. Stolkin, et al.			
	AL	4,158,023	06/79	von Halasz			
	AM	5,043,491	08/91	Webster, et al.			
	AN	5,057,634	10/91	Webster, et al.			
	AO	5,068,472	11/91	Webster, et al.			
	AP	5,068,473	11/91	Kellner, et al.			
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		Document Number	Date	Country	Class	Subclass	Translation
							Yes      No
	AQ	1,162,511	05/91	CA			
	AR	2,081,813	10/92	CA			
	AS	0 349 115 A1	01/90	EP			
	AT	0 434 407 A1	06/91	EP			
	AU	0 442 075 B1	08/93	EP			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AV	Herbert O. House, "Catalytic Hydrogenation and Dehydrogenation," <i>Modern Synthetic Reactions</i> , 2 <sup>nd</sup> ed., The Benjamin/Cummings Publications					
		Company (Menlo Park, CA), p. 1/2.					
EXAMINER				DATE CONSIDERED			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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	AA	5,146,018	09/92	Kellner, et al.		
	AB	5,171,901	12/92	Gassen, et al.		
	AC	5,177,273	01/93	Bruhke, et al.		
	AD	5,220,083	06/93	Webster, et al.		
	AE	5,268,343	12/93	Hopp, et al.		
	AF	5,364,992	11/94	Manogue, et al.		
	AG	5,430,204	07/95	Manogue, et al.		
	AH	5,446,219	08/95	Manogue, et al.		
	AI	5,621,151	04/97	Manogue		
	AJ	5,621,152	04/97	Jansen, et al.		
	AK	5,723,699	03/98	Miller, et al.		
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	AN	6,018,083	01/00	Manogue, et al.		
	AO	6,156,944	12/00	Pham, et al.		
	AP	6,211,135	04/01	Miller, et al.		
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	Document Number	Date	Country	Class	Subclass	Translation
						Yes      No
	AQ	0 539 989 A1	05/93	E{		
	AR	91/05752	05/91	WO		
	AS	96/17813	06/96	WO		
	AT	98/50327	11/98	WO		
	AU	99/26907	06/99	WO		
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)						
	AV	Dmitrii D. Moldavskii, "Technology for the Preparation of Perfluoro-Organic Compounds," <i>Journal of Fluorine Chemistry</i> , Elsevier Science				
		S.A. (Netherlands), Vol. 94 (No. 2), p. 157-167, (February 5, 1999).				
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	AA						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AB	99/62851	12/99	WO			
	AC	428,361	09/30	UK			
	AD	428,445	05/35	UK			
	AE	468,447	08/37	UK			
	AF	790,335	02/58	UK			
	AG	1,077,932	08/67	UK			
	AH	1,359,023	07/74	UK			
	AI	1,578,933	11/80	UK			
	AJ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AK		J. Kvicala, et al., "Preparation of Perhalogenated Chlorofluoropropanes by Halogen Exchange in the Liquid and Vapour Phases and Their Isomer Analyses by 19F NMR Spectroscopy," <i>Journal of Fluorine Chemistry</i> , Elsevier Sequoia (Netherlands), p. 155-175, (February 5, 1989).				
	AL		F.J. Mettillie, et al., "Methods for the Introductions of Hydrogen Into Fluorinated Compounds," <i>Fluorine Chemistry Reviews</i> , 1 <sup>st</sup> ed., Vol. 1, (No. 2), p. 315-358, (February 5, 1967).				
	AM		Dr. Mark D. Cisneros, et al., "An Integrated Approach to Achieve Low Environmental Impact in the Special Hazards Fire Suppression Industry," Great Lakes Chemical Corporation (West Lafayette, Indiana), p. 1-8.				
	AN		Viacheslav A. Petrov, et al., "Isomerization of Halopolyfluoroalkanes by the Action of Aluminum Chlorofluoride," <i>Journal of Fluorine Chemistry</i> , Elsevier Science S.A. (Netherlands), p. 125-130, (February 5, 1998).				
	AO		B.P. Aggarwal, et al., "Chlorination of Propane and Propylene and Pyrolysis of Perchloropropane," <i>Petroleum &amp; Hydrocarbons</i> , Vol. 3 (No. 2), p. 69-72, (July 5, 1968).				
	AP		Albert L. Henne, et al., "Fluorinated Derivatives of Propane and Propylene," p. 496-497, (March 5, 1946).				
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	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
	AK		Kirk-Othmer, "Encyclopedia of Chemical Technology," <i>Catalysis</i> , 3 <sup>rd</sup> ed., John Wiley & Sons (New York), p. 16-18.				
	AL		Milos Hudlicky, "Chemistry of Organic Fluorine Compounds, A Laboratory Manual with Comprehensive Literature Coverage, 2 <sup>nd</sup> ed., Ellis Horwood (New York), p. 170-179, (February 8, 1992).				
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